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// main.c

// assignment4vol3

//

// Created by Asude Ekiz on 9.05.2022.

//

#include <stdio.h>

#include <string.h>

#define MAX 100

**typedef** **struct** {

**int** u,v,w;

}EDGE;

**typedef** **struct**{

EDGE data[MAX];

**int** n;

} EDGELIST;

EDGELIST addFile(EDGELIST spanlist);

**void** printResult(EDGELIST spanlist);

**int** main(**int** argc, **const** **char** \* argv[]) {

EDGELIST spanlist;

spanlist=addFile(spanlist);

printResult(spanlist);

**return** 0;

}

EDGELIST addFile(EDGELIST spanlist){

FILE \*p =fopen("/Users/asude/Desktop/DÖNEM 2/VERİ YAPILARI VE ALGORİTMALAR/veriyapilari ödev4/Sample\_MST.txt", "r");

**int** i = 0;

**char** buffer[255];

**if**(p != **NULL**){

**while** (fgets(buffer, 255, p)!=**NULL**) {

sscanf(buffer,"%d %d %d" ,&spanlist.data[i].w,&spanlist.data[i].u,&spanlist.data[i].v);

i++;

}

spanlist.n=i;

**return** spanlist;

}

**else**{

printf("Dosya acilamadi:\n");

**return** spanlist;

}

}

**void** printResult(EDGELIST spanlist){

**int** i, cost=0;

**for** (i=0;i< spanlist.n; i++) {

printf("%d %d %d\n",spanlist.data[i].w,spanlist.data[i].u,spanlist.data[i].v);

}

}